

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER <b>10022.22</b> U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/537117</b>
INTERNATIONAL APPLICATION NO. PCT/JP2003/015543	INTERNATIONAL FILING DATE Dec. 4, 2003	PRIORITY DATE CLAIMED Dec. 4, 2002
TITLE OF INVENTION <b>METHOD FOR CONTROLLING MYCOTOXIN CONTAMINATION OF CEREALS</b>		
APPLICANT(S) FOR DO/EO/US <b>Daisuke AWAKURA; Kiyoshi KIMURA; Kazuyoshi MASUDA</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li><input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li><input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li><input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li><input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li><input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).             <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li><input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li><input checked="" type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li><input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li><input checked="" type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>		
Items 11 to 20 below concern document(s) or information included:		
<ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li><input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li><input type="checkbox"/> A preliminary amendment.</li> <li><input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li><input type="checkbox"/> A substitute specification.</li> <li><input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li><input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.</li> <li><input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</li> <li><input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li><input checked="" type="checkbox"/> Other items or information: <b>Transmittal Letter [form 13-6] (12 pages) + exhibits referenced therein</b></li> </ol>		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450

Under the Paperwork Reduction Act § 5, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>101537117</b>		INTERNATIONAL APPLICATION NO. PCT/JP2003/015543 JC17 Rec'd PCT/JP2003/015543 1 JUN 2005	ATTORNEY'S DOCKET NUMBER
The following fees have been submitted		CALCULATIONS	PTO USE ONLY
21. <input checked="" type="checkbox"/> Basic national fee.....		\$ 300	
22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4). All other situations.....		\$ 200.00	
23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... International Search Report prepared and provided to the Office..... All other situations.....		500.00	
<b>TOTAL OF 21, 22 and 23 =</b>		<b>\$ 1,000.00</b>	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.			
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE
28 - 100 =	0 /50 =	0	x \$250
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).		\$ 130.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	10 - 20 =	0	x \$50
Independent claims	2 - 3 =	0	x \$200
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		0	+ \$360
<b>TOTAL OF ABOVE CALCULATIONS =</b>		<b>\$ 1,130.00</b>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.			
<b>SUBTOTAL =</b>		<b>\$ 1,130.00</b>	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).		\$	
<b>TOTAL NATIONAL FEE =</b>		<b>\$ 1,130.00</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		\$ -0-	
<b>TOTAL FEES ENCLOSED =</b>		<b>\$ 1,500.00</b>	
		Amount to be refunded:	\$
		Amount to be charged:	\$
<p>a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>1,500.00</u> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>502429</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>			
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.			
SEND ALL CORRESPONDENCE TO:			
Customer No. 25265		 <b>25265</b> <small>PATENT TRADEMARK OFFICE</small>	
		 SIGNATURE <b>Mark D. Miller</b>	
		NAME <b>32277</b> REGISTRATION NUMBER	

Preliminary Classification:

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Proposed Class:

Subclass:

**NOTE:** "All applicants are requested to include a preliminary classification on newly filed patent applications. The preliminary classification, preferably class and subclass designations, should be identified in the upper right-hand corner of the letter of transmittal accompanying the application papers, for example 'Proposed Class 2, subclass 129.' M.P.E.P. § 601, 7th ed."

**TRANSMITTAL LETTER TO THE U.S. DESIGNATED OFFICE (DO/US)—  
ENTRY INTO THE U.S. NATIONAL STAGE UNDER CHAPTER I**

INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED
PCT/JP2003/015543	Dec. 4, 2003	Dec. 4, 2002
<b>TITLE OF INVENTION</b>		
METHOD FOR CONTROLLING MYCOTOXIN CONTAMINATION OF CEREALS		
<b>APPLICANT(S)</b>		
Daisuke AWAKURA; Kiyoshi KIMURA; and Kazuyoshi MASUDA		

**Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

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**EXPRESS MAILING UNDER 37 C.F.R. § 1.10\***

(Express Mail label number is mandatory.)  
(Express Mail certification is optional.)

I hereby certify that this paper, along with any document referred to, is being deposited with the United States Postal Service on this date June 1, 2005, in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 as "Express Mail Post Office to Addressee" Mailing Label No. EV469671491US

Mark D. Miller

(type or print name of person mailing paper)

Mark D. Miller

**Signature of person certifying**

**WARNING:** Certificate of mailing (first class) or facsimile transmission procedures of 37 C.F.R. 1.8 cannot be used to obtain a date of mailing or transmission for this correspondence.

**\*WARNING:** Each paper or fee filed by "Express Mail" must have the number of the "Express Mail" mailing label placed thereon prior to mailing. 37 C.F.R. 1.10(b).

"Since the filing of correspondence under § 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will not be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

(Transmittal Letter to the United States Designated Office (DO/US)—Entry into National Stage under  
35 U.S.C. § 371 [13-6]—page 1 of 12)

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**NOTE:** The time period for commencement of the national stage in the U.S. does not depend upon whether a Demand under PCT Article 31 has been filed. It is no longer necessary to provide separately for the time period for filing the documents and fees required by 35 U.S.C. 371(c) for an: (1) application in which a Demand under Article 31 has not been filed within nineteen months from the priority date and (2) applications in which a Demand under Article 31 has been filed within nineteen months from the priority date.

**NOTE:** The completion of those filing requirements that can be made at a time later than 30 months from the priority date results from the Commissioner exercising his judgment under the authority granted under 35 U.S.C. § 371(d). The filing receipt will show the actual date of receipt of the last item completing the entry into the national phase. See 37 C.F.R. § 1.491(b), which states: "An international application enters the national stage when the applicant has filed the documents and fees required by 35 USC 371(c) within the periods set forth in § 1.495."

**WARNING:** Where the items are those that can be submitted to complete the entry of the international application into the national phase, the application is still considered to be in the international stage. And if mailing procedures are utilized to obtain a date the express mail procedure of 37 C.F.R. § 1.10 must be used (because international application papers are not covered by an ordinary certificate of mailing. 37 C.F.R. § 1.8(2)(xi)).

**WARNING:** Documents and fees must be clearly identified as a submission to enter the national stage under 35 U.S.C. § 371, otherwise the submission will be considered as being made under 35 U.S.C. § 111. 37 C.F.R. § 1.494(g).

**WARNING:** Abandonment is governed by 37 C.F.R. § 1.495 as follows:

**37 C.F.R. § 1.495**

(h) An international application becomes abandoned as to the United States thirty months from the priority date if the requirements of paragraph (b) of this section have not been complied with within thirty months from the priority date. If the requirements of paragraph (b) of this section are complied with within thirty months from the priority date but either of any required translation of the international application as filed or the oath or declaration are not timely filed, an international application will become abandoned as to the United States upon expiration of the time period pursuant to paragraph (c) of this section.

**37 C.F.R. § 1.495**

(b) To avoid abandonment of the application, the applicant shall furnish to the United States Patent and Trademark Office not later than the expiration of thirty months from the priority date:

(1) A copy of the international application, unless it has been previously communicated by the International Bureau or unless it was originally filed in the United States Patent and Trademark Office; and

(2) The basic national fee (see § 1.492(a)).

1. Applicant herewith submits to the United States Designated Office (DO/US) the following items under 35 U.S.C. § 371:

- a.  This express request to immediately begin national examination procedures (35 U.S.C. § 371(f)).
- b.  The U.S. Basic National Fee (35 U.S.C. § 371(a)) and
- other fees (37 C.F.R. § 1.492), as indicated below:

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**WARNING:** This submission must also include items 3, and should also include items 4 and 7 shown below.

35 U.S.C. 371 National stage: Commencement.

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(b) Subject to subsection (f) of this section, the national stage shall commence with the expiration of the applicable time limit under article 22 (1) or (2), or under article 39 (1)(a) of the treaty.

(c) The applicant shall file in the Patent and Trademark Office —

(1) the national fee provided in section 41(a) of this title;

(2) a copy of the international application, unless not required under subsection (a) of this section or already communicated by the International Bureau, and a translation into the English language of the international application, if it was filed in another language;

(3) amendments, if any, to the claims in the international application, made under article 19 of the treaty, unless such amendments have been communicated to the Patent and Trademark Office by the International Bureau, and a translation into the English language if such amendments were made in another language;

(4) an oath or declaration of the inventor (or other person authorized under chapter 11 of this title) complying with the requirements of section 115 of this title and with regulations prescribed for oaths or declarations of applicants;

(5) a translation into the English language of any annexes to the international preliminary examination report, if such annexes were made in another language.

(d) The requirement with respect to the national fee referred to in subsection (c)(1), the translation referred to in subsection (c)(2), and the oath or declaration referred to in subsection (c)(4) of this section shall be complied with by the date of the commencement of the national stage or by such later time as may be fixed by the Director. The copy of the international application referred to in subsection (c)(2) shall be submitted by the date of the commencement of the national stage. Failure to comply with these requirements shall be regarded as abandonment of the application by the parties thereto, unless it be shown to the satisfaction of the Director that such failure to comply was unavoidable. The payment of a surcharge may be required as a condition of accepting the national fee referred to in subsection (c)(1) or the oath or declaration referred to in subsection (c)(4) of this section if these requirements are not met by the date of the commencement of the national stage. The requirements of subsection (c)(3) of this section shall be complied with by the date of the commencement of the national stage, and failure to do so shall be regarded as a cancellation of the amendments to the claims in the international application made under article 19 of the treaty. The requirement of subsection (c)(5) shall be complied with at such time as may be fixed by the Director and failure to do so shall be regarded as cancellation of the amendments made under article 34 (2)(b) of the treaty.

\* \* \* \* \*

(f) At the express request of the applicant, the national stage of processing may be commenced at any time at which the application is in order for such purpose and the applicable requirements of subsection (c) of this section have been complied with.

§ 1.495 Entering the national stage in the United States of America.

(a) The applicant in an international application must fulfill the requirements of 35 U.S.C. 371 within the time periods set forth in paragraphs (b) and (c) of this section in order to prevent the abandonment of the international application as to the United States of America. The thirty month time period set forth in paragraphs (b), (c), (d), (e) and (f) of this section may not be extended. International applications for which those requirements are timely fulfilled will enter the national stage and obtain an examination as to the patentability of the invention in the United States of America.

(b) To avoid abandonment of the application, the applicant shall furnish to the United States Patent and Trademark Office not later than the expiration of thirty months from the priority date:

(1) A copy of the international application, unless it has been previously communicated by the International Bureau or unless it was originally filed in the United States Patent and Trademark Office; and

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(2) The basic national fee (see § 1.492(a)).

(c)(1) If applicant complies with paragraph (b) of this section before expiration of thirty months from the priority date, the Office will notify the applicant if he or she has omitted any of:

(i) A translation of the international application, as filed, into the English language, if it was originally filed in another language (35 U.S.C. 371(c)(2));

(ii) The oath or declaration of the inventor (35 U.S.C. 371(c)(4) and 1.497), if a declaration of inventorship in compliance with § 1.497 has not been previously submitted in the international application under PCT Rule 4.17(iv) within the time limits provided for in PCT Rule 26ter.1;

(iii) The search fee set forth in § 1.492(b);

(iv) The examination fee set forth in § 1.492(c); and

(v) Any application size fee required by § 1.492(j).

(2) A notice under paragraph (c)(1) of this section will set a period of time within which applicant must provide any omitted translation, oath or declaration of the inventor, search fee set forth in § 1.492(b), examination fee set forth in § 1.492(c), and any application size fee required by § 1.492(j) in order to avoid abandonment of the application.

(3) The payment of the processing fee set forth in § 1.492(i) is required for acceptance of an English translation later than the expiration of thirty months after the priority date. The payment of the surcharge set forth in § 1.492(h) is required for acceptance of the oath or declaration of the inventor later than the expiration of thirty months after the priority date.

## 2. Fees

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NATIONAL STAGE FEES***	<input checked="" type="checkbox"/> Basic filing fee** \$300 <input checked="" type="checkbox"/> Examination fee \$200 <input checked="" type="checkbox"/> Search fee \$1000			\$ 300.00 \$ 200.00 \$ 1,000.00		
CLAIMS FEE	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE		
<input type="checkbox"/> *	TOTAL CLAIMS	10 -20=	0	× \$ 50.00= \$ -0-		
	INDEPENDENT CLAIMS	2 -3=	0	× \$ 200.00= -0-		
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00			
ADDITIONAL PAGES	<input checked="" type="checkbox"/> Basic filing fee \$300.00 <input checked="" type="checkbox"/> Examination fee <ul style="list-style-type: none"> <li><input type="checkbox"/> If international preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) \$100</li> <li><input checked="" type="checkbox"/> All other situations \$200</li> </ul> <input checked="" type="checkbox"/> Search fee <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Search fee (37 C.F.R. 1.445(a)(2) has been paid on the international application to the USPTO as an International Searching Authority \$100</li> <li><input checked="" type="checkbox"/> International Search Report prepared and provided to the Office \$400</li> <li><input checked="" type="checkbox"/> All other situations \$500</li> </ul> <ul style="list-style-type: none"> <li><input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof</li> </ul>					
	Total Sheets	Number of each additional 50 or fraction thereof (rounded up to		Rate		
	Extra Sheets	28-100 0 a whole number/50)		\$250		
	Total of above Calculations					
				= 1,500.00		

(Transmittal Letter to the United States Designated Office (DO/US)—Entry into National Stage under 35 U.S.C. § 371 [13-6]—page 5 of 12)

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SMALL	<input type="checkbox"/> Applicant hereby claims small entity status. 37 CFR 1.27. The above fees are reduced by 1/2.	-
	Subtotal	
	Total National Fee \$	1,500.00
	Fee for recording the enclosed assignment document \$40.00 (37 CFR 1.21(h)). (See Item 10 below). See attached "ASSIGNMENT COVER SHEET (37 C.F.R. § 3.34)".	
TOTAL	Total Fees enclosed	\$ 1,500.00

\*See attached Preliminary Amendment Reducing the Number of Claims.

\*\*WARNING: "To avoid abandonment of the application, the applicant shall furnish to the United States Patent and Trademark Office not later than the expiration of thirty months from the priority date: \*\*\* (2) the basic national fee (see § 1.492(a))." 37 C.F.R. § 1.495(b).

\*\*\*WARNING: The USPTO is considering changing the amount of the search fee and examination fee charged in national stage in the near future. Please refer to [www.uspto.gov](http://www.uspto.gov) for the current fees.

- Assertion of Small Entity Status
- Applicant hereby asserts status as a small entity under 37 C.F.R. § 1.27.
  - Written Assertion Statement Attached
  - Fee Payment(s) herewith

NOTE: 37 C.F.R. § 1.27(c) deals with the assertion of small entity status, whether by a written specific declaration thereof or by payment as a small entity of the basic filing fee or the fee for the entry into the national phase as states:

"(c) Assertion of small entity status. Any party (person, small business concern or nonprofit organization) should make a determination, pursuant to paragraph (f) of this section, of entitlement to be accorded small entity status based on the definitions set forth in paragraph (a) of this section, and must, in order to establish small entity status for the purpose of paying small entity fees, actually make an assertion of entitlement to small entity status, in the manner set forth in paragraphs (c)(1) or (c)(3) of this section, in the application or patent in which such small entity fees are to be paid.

(1) Assertion by writing. Small entity status may be established by a written assertion of entitlement to small entity status. A written assertion must:

- (i) Be clearly identifiable;
- (ii) Be signed (see paragraph (c)(2) of this section); and
- (iii) Convey the concept of entitlement to small entity status, such as by stating that applicant is a small entity, or that small entity status is entitled to be asserted for the application or patent. While no specific words or wording are required to assert small entity status, the intent to assert small entity status must be clearly indicated in order to comply with the assertion requirement.

(2) Parties who can sign and file the written assertion. The written assertion can be signed by:

(i) One of the parties identified in §§ 1.33(b) (e.g., an attorney or agent registered with the Office), §§ 3.73(b) of this chapter notwithstanding, who can also file the written assertion;

(ii) At least one of the individuals identified as an inventor (even though a §§ 1.63 executed oath or declaration has not been submitted), notwithstanding §§ 1.33(b)(4), who can also file the written assertion pursuant to the exception under §§ 1.33(b) of this part; or

(iii) An assignee of an undivided part interest, notwithstanding §§ 1.33(b)(3) and 3.73(b) of this chapter, but the partial assignee cannot file the assertion without resort to a party identified under §§ 1.33(b) of this part.

(3) Assertion by payment of the small entity basic filing or basic national fee. The payment, by any party, of the exact amount of one of the small entity basic filing fees set forth in §§ 1.16(a), (f), (g), (h), or (k), or one of the small entity basic national fees set forth in §§ 1.492(a)(1), (a)(2), (a)(3), (a)(4), or (a)(5), will be treated as a written assertion of entitlement to small entity status even if the type of basic filing or basic national fee is inadvertently selected in error.

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(i) If the Office accords small entity status based on payment of a small entity basic filing or basic national fee under paragraph (c)(3) of this section that is not applicable to that application, any balance of the small entity fee that is applicable to that application will be due along with the appropriate surcharge set forth in §§ 1.16(e), or §§ 1.16(l).

(ii) The payment of any small entity fee other than those set forth in paragraph (c)(3) of this section (whether in the exact fee amount or not) will not be treated as a written assertion of entitlement to small entity status and will not be sufficient to establish small entity status in an application or a patent."

Attached is a  check  money order in the amount of \$ 1,500.00

Authorization is hereby made to charge the amount of \$ \_\_\_\_\_

to Deposit Account No. 502429

to Credit card as shown on the attached credit card information authorization form PTO-2038.

**WARNING:** Credit card information should not be included on this form as it may become public.

Charge any additional fees required by this paper or credit any overpayment in the manner authorized above. (to deposit account 502429)

A duplicate of this paper is attached.

**WARNING:** If the translations of the international application and/or the oath or declaration have not been submitted by the applicant within thirty (30) months from the priority date, the applicant will be so notified and given a period of time within which to file the translation and/or oath or declaration in order to prevent abandonment. 37 C.F.R. § 1.495(c). The payment of the surcharge set forth in § 1.492(e) is required as a condition for accepting the oath or declaration later than thirty (30) months after the priority date. The payment of the processing fee set forth in § 1.492(f) is required for acceptance of an English translation later than thirty (30) months after the priority date. Failure to comply with these requirements will result in abandonment of the application.

**3. A copy of the International application as filed (35 U.S.C. § 371(c)(2)):**

- a.  is transmitted herewith.
- b.  is not required, as the application was filed with the United States Receiving Office.
- c.  has been transmitted
  - i.  by the International Bureau. Date of mailing of the application (from form PCT/IB/308): 17 June 2004.
  - ii.  by applicant on \_\_\_\_\_. (Date)

**NOTE:** Section 1.495(b)(1) requires that the basic national fee and a copy of the international application must be filed with the Office by thirty (30) months from the priority date to avoid abandonment. "The International Bureau normally provides the copy of the international application to the Office in accordance with PCT Article 20. At the same time, the International Bureau notifies the applicant of the communication to the Office. In accordance with PCT Rule 47.1, that notice shall be accepted by all designated offices as conclusive evidence that the communication has duly taken place. Thus, if the applicant desires to enter the national stage and applicant has received notice from the International Bureau, applicant need only pay the basic national fee by 30 months from the priority date." Notice of Jan. 7, 1993, 1147 O.G. 29 to 40, at 35.

**4.  A translation of the International application into the English language (35 U.S.C. § 371(c)(2)):**

- a.  is transmitted herewith.
- b.  is not required as the application was filed in English.
- c.  was previously transmitted by applicant on \_\_\_\_\_. (Date)

(Transmittal Letter to the United States Designated Office (DO/US)—Entry into National Stage under  
35 U.S.C. § 371 [13-6]—page 7 of 12)

(i) If the Office accords small entity status based on payment of a small entity basic filing or basic national fee under paragraph (c)(3) of this section that is not applicable to that application, any balance of the small entity fee that is applicable to that application will be due along with the appropriate surcharge set forth in §§ 1.16(e), or §§ 1.16(l).

(ii) The payment of any small entity fee other than those set forth in paragraph (c)(3) of this section (whether in the exact fee amount or not) will not be treated as a written assertion of entitlement to small entity status and will not be sufficient to establish small entity status in an application or a patent."

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Attached is a  check  money order in the amount of \$ 1,500.00

Authorization is hereby made to charge the amount of \$ \_\_\_\_\_  
 to Deposit Account No. 502429  
 to Credit card as shown on the attached credit card information authorization form PTO-2038.

**WARNING:** Credit card information should not be included on this form as it may become public.

Charge any additional fees required by this paper or credit any overpayment in the manner authorized above. (to deposit account 502429)

A duplicate of this paper is attached.

**WARNING:** If the translations of the international application and/or the oath or declaration have not been submitted by the applicant within thirty (30) months from the priority date, the applicant will be so notified and given a period of time within which to file the translation and/or oath or declaration in order to prevent abandonment. 37 C.F.R. § 1.495(c). The payment of the surcharge set forth in § 1.492(e) is required as a condition for accepting the oath or declaration later than thirty (30) months after the priority date. The payment of the processing fee set forth in § 1.492(f) is required for acceptance of an English translation later than thirty (30) months after the priority date. Failure to comply with these requirements will result in abandonment of the application.

3. A copy of the International application as filed (35 U.S.C. § 371(c)(2)):

- a.  is transmitted herewith.
- b.  is not required, as the application was filed with the United States Receiving Office.
- c.  has been transmitted
  - i.  by the International Bureau. Date of mailing of the application (from form PCT/IB/308): 17 June 2004.
  - ii.  by applicant on \_\_\_\_\_. (Date)

**NOTE:** Section 1.495(b)(1) requires that the basic national fee and a copy of the international application must be filed with the Office by thirty (30) months from the priority date to avoid abandonment. "The International Bureau normally provides the copy of the international application to the Office in accordance with PCT Article 20. At the same time, the International Bureau notifies the applicant of the communication to the Office. In accordance with PCT Rule 47.1, that notice shall be accepted by all designated offices as conclusive evidence that the communication has duly taken place. Thus, if the applicant desires to enter the national stage and applicant has received notice from the International Bureau, applicant need only pay the basic national fee by 30 months from the priority date." Notice of Jan. 7, 1993, 1147 O.G. 29 to 40, at 35.

4.  A translation of the International application into the English language (35 U.S.C. § 371(c)(2)):

- a.  is transmitted herewith.
- b.  is not required as the application was filed in English.
- c.  was previously transmitted by applicant on \_\_\_\_\_. (Date)

(Transmittal Letter to the United States Designated Office (DO/US)—Entry into National Stage under 35 U.S.C. § 371 [13-6]—page 7 of 12)

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NOTE: According to § 1.495(c)(1), if applicant complies with § 1.495(b) (i.e., supplies a copy of the international application and pays the basic national fee before expiration of thirty months from the priority date), the Office will notify the applicant if he or she has omitted a translation of the international application, as filed, into the English language, if it was originally filed in another language (35 U.S.C. 371(c)(2) and § 1.495(c)(1)(i)), setting a period of time within which applicant must provide any omitted translation. According to § 1.495(c)(3) a payment of the processing fee set forth in § 1.492(i) is required for acceptance of an English translation later than the expiration of thirty months after the priority date. A 'Sequence Listing' need not be translated if the 'Sequence Listing' complies with PCT Rule 12.1(d) and the description complies with PCT Rule 5.2(b); § 1.495(c)(4)."

5.  Amendments to the claims of the International application under PCT Article 19 (35 U.S.C. § 371(c)(3)):

NOTE: 37 C.F.R. § 1.495(d): "A copy of any amendments to the claims made under PCT Article 19, and a translation of those amendments into English, if they were made in another language, must be furnished not later than the expiration of thirty months from the priority date. Amendments under PCT Article 19 which are not received by the expiration of thirty months from the priority date will be considered to be canceled."

NOTE: The Notice of January 7, 1993, dealing with the prior practice, indicated that 37 C.F.R. § 1.494(d) [now deleted] was "amended to clarify the existing practice that PCT Article 19 Amendments must be submitted by 20 months from the priority date, which time may not be extended." This Notice further advises: "Of course, the failure to do so does not result in loss of the subject matter of PCT Article 19 amendments. The applicant may submit that subject matter in a preliminary amendment filed under Section 1.121. In many cases, filing an amendment under Section 1.121 is preferable since grammatical or idiomatic errors may be corrected." 1147 O.G. 29-40, at 35. See item 11(c) below.

a.  are transmitted herewith.

b.  have been transmitted

i.  by the International Bureau, Date of mailing of the amendment (from form PCT/IB/308): 17 June 2004

ii.  by applicant on \_\_\_\_\_ (Date)

c.  have not been transmitted, as

i.  no notification has been received that the International Search Authority has received the Search Copy.

ii.  the Search Copy was received by the International Searching Authority, but the Search Report has not yet been issued. Date of receipt of Search Copy (from form PCT/ISA/202): \_\_\_\_\_

iii.  applicant chose not to make amendments under PCT Article 19. Date of mailing of Search Report (from form PCT/ISA/210): \_\_\_\_\_

iv.  the time limit for the submission of amendments has not yet expired. The amendments, or a statement that amendments have not been made, will be transmitted before the expiration of the time limit under PCT Rule 46.1.

6.  A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. § 371(c)(3)):

a.  is transmitted herewith.

b.  is not required as the amendments were made in the English language.

c.  has not been transmitted for reasons indicated at point 5(c) above.

7.  An oath or declaration of the inventor, including power of attorney, (35 U.S.C. § 371(c)(4)) complying with 35 U.S.C. § 115

NOTE: According to § 1.495(c)(1), if applicant complies with § 1.495(b) (i.e., supplies a copy of the international application and pays the basic national fee before expiration of thirty months from the priority date) the Office will notify the applicant if he or she has omitted, as required by § 1.495(c)(ii), the oath or declaration of the inventor (35 U.S.C. 371(c)(4) and § 1.497), if a declaration of inventorship in compliance with § 1.497 has not been previously submitted in the international application under PCT Rule 4.17(iv) within the time limits provided for in PCT Rule 26ter.1. According to § 1.495(c)(3) a payment of the processing fee set forth in § 1.492(h) is required for acceptance of the oath or declaration of the inventor later than the expiration of thirty months after the priority date.

a.  a declaration of inventorship in compliance with § 1.497 has been submitted in the international application under PCT Rule 4.17(iv) within the time limits provided for in PCT Rule 26ter.1 on \_\_\_\_\_.

b.  was previously submitted by applicant on \_\_\_\_\_ (Date)

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c.  Is submitted herewith, and such oath or declaration

- i.  is attached to the application.
- ii.  identifies the application and any amendments under PCT Article 19 that were transmitted as stated in points 3(b) or (c) and 5(b); and states that they were reviewed by the inventor, as required by 37 C.F.R. § 1.70.
- iii.  will follow.

**NOTE:** 37 C.F.R. § 1.495(c): "If applicant complies with paragraph (b) of this section before expiration of thirty months from the priority date but omits . . . the oath or declaration of the inventor (35 U.S.C. 371(c)(4) and § 1.497), if a declaration of inventorship in compliance with § 1.497 has not been previously submitted in the international application under PCT Rule 4.17(iv) within the time limits provided for in PCT Rule 26ter.1, applicant will be so notified and given a period of time within which to file the . . . oath or declaration in order to prevent abandonment of the application. . . . The payment of the surcharge set forth in § 1.492(e) is required for acceptance of the oath or declaration of the inventor later than the expiration of thirty months after the priority date."

**Other document(s) or information included:**

8.  An International Search Report or Declaration under PCT Article 17(2)(a):

- a.  is transmitted herewith.
- b.  has been transmitted by the International Bureau. Date of mailing (from form PCT/IB/308): \_\_\_\_\_.
- c.  is not required, as the application was searched by the United States International Searching Authority.
- d.  will be transmitted promptly upon request.
- e.  has been submitted by applicant on \_\_\_\_\_ (Date)
- f.  is not transmitted, as the international search has not yet issued.

9.  An Information Disclosure Statement under 37 C.F.R. §§ 1.97 and 1.98:

**WARNING:** 1893.03(g) *Information Disclosure Statement in a National Stage Application*

*"When an international application is filed under the Patent Cooperation Treaty (PCT), prior art documents may be cited by the examiner in the international search report and/or the international preliminary examination report. When a national stage application is filed under 35 U.S.C. 371, or a national application is filed under 35 U.S.C. 111 claiming benefit of the filing date of the international application, it is often desirable to have the examiner consider the documents cited in the international application when examining the national application."*

*"As a result of an agreement among the European Patent Office (EPO), Japanese Patent Office (JPO), and the United States Patent and Trademark Office (USPTO), copies of documents cited in the international search report issued by any one of these International Searching Authority Offices generally are being sent to the other Offices when designated in the international application. Accordingly, in many national stage applications where the international search was conducted by the EPO, JPO, or USPTO, copies of the documents cited in the international search report are made available to the examiner in the national stage application."*

(Transmittal Letter to the United States Designated Office (DO/US)—Entry into National Stage under 35 U.S.C. § 371 [13-6]—page 9 of 12)

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"When all the requirements for a national stage application have been completed, applicant is notified (Form PCT/DO/EO/903) of the acceptance of the application under 35 U.S.C. 371, including an itemized list of the items received. The itemized list includes an indication of whether a copy of the international search report and copies of the references cited therein are present in the national stage file. The examiner will consider the documents cited in the international search report, without any further action by applicant under 37 CFR 1.97 and 1.98, when both the international search report and copies of the documents are indicated to be present in the national stage file. The examiner will note the consideration in the first Office action. There is no requirement that the examiners list the documents on a PTO-892 form. See form paragraphs 6.53, 6.54, and 6.55 (reproduced in MPEP § 609). Otherwise, applicant must follow the procedure set forth in 37 CFR 1.97 and 1.98 in order to ensure that the examiner considers the documents cited in the international search report."

"This practice applies only to documents cited in the international search report relative to a national stage application filed under 35 U.S.C. 371. It does not apply to documents cited in an international preliminary examination report that are not cited in the search report. It does not apply to applications filed under 35 U.S.C. 111(a) claiming the benefit of an international application filing date."

a.  is transmitted herewith.

Also transmitted herewith is (are)

Form PTO—1449 (PTO/SB/08A and 08B)

Copies of citations listed

b.  will be transmitted within THREE MONTHS of the date of submission of requirements under 35 U.S.C. § 371(c).

NOTE: 37 C.F.R. § 1.97

"(b) An information disclosure statement shall be considered by the Office if filed by the applicant within any one of the following time periods:

\*\*\*

(2) Within three months of the date of entry of the national stage as set forth in § 1.491 in an international application.

c.  was previously submitted by applicant on \_\_\_\_\_ (Date)

10.  An assignment document is transmitted herewith for recording. A separate

"COVER SHEET FOR ASSIGNMENT (DOCUMENT) ACCOMPANYING NEW PATENT APPLICATION" or

FORM PTO—1595

is also attached.

Please mail the recorded assignment document to:

i.  the person whose signature and address appears below.

ii.  the following:

11.  Additional documents

a.  Copy of request (PCT/RO/101)

b.  International Publication No. WO 2004/049805 A1

i.  Specification, claims and drawing

ii.  Front page only

c.  Preliminary amendment (37 C.F.R. § 1.121)

d.  Other Form FP2629PCT (5 pages); PCT/1B/301 (1 page); PCT/1B/304 (1 page); PCT/ISA/210 (3 pages Japanese, 2 pages English); PCT/1B/308 (1 page).

PTO 1390 (2 pages)

(Transmittal Letter to the United States Designated Office (DO/US)—Entry into National Stage under 35 U.S.C. § 371 [13-6]—page 10 of 12)

12.  The above checked items are being transmitted

a.  before the 18th month publication.

b.  after publication and the article 20 communication, but before 20 months from the priority date.

c.  after 30 months (revival).

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NOTE: Petition to revive (37 C.F.R. § 1.137(a) or (b)) is necessary if 35 U.S.C. § 371 requirements are submitted after 30 months.

13.  Certain requirements under 35 U.S.C. § 371 were previously submitted by the applicant on \_\_\_\_\_ (Date) namely:

### AUTHORIZATION TO CHARGE ADDITIONAL FEES

**WARNING:** Accurately count claims, especially multiple dependant claims, to avoid unexpected high charges if extra claims are authorized.

NOTE: "A written request may be submitted in an application that is an authorization to treat any concurrent or future reply, requiring a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. An authorization to charge all required fees, fees under § 1.17, or all required extension of time fees will be treated as a constructive petition for an extension of time in any concurrent or future reply requiring a petition for an extension of time under this paragraph for its timely submission. Submission of the fee set forth in § 1.17(a) will also be treated as a constructive petition for an extension of time in any concurrent reply requiring a petition for an extension of time under this paragraph for its timely submission." 37 C.F.R. § 1.136(a)(3).

NOTE: "Amounts of twenty-five dollars or less will not be returned unless specifically requested within a reasonable time, nor will the payer be notified of such amounts; amounts over twenty-five dollars may be returned by check or, if requested, by credit to a deposit account." 37 C.F.R. § 1.26(a).

NOTE: The previous practice of holding applications abandoned if an authorization to charge fees under 37 C.F.R. § 1.16 has been provided instead of an authorization to charge fees under 37 C.F.R. § 1.492 has been changed. The Office amended 37 C.F.R. § 1.25(b), effective November 7, 2000, so that an authorization to charge fees under 37 C.F.R. § 1.16 in an international application entering the national stage under 35 U.S.C. § 371 is now accepted by the Office as an authorization to charge fees under 37 C.F.R. § 1.492.

Please charge, in the manner authorized above, the following additional fees that may be required by this paper and during the entire pendency of this application:

- basic fee
- search fee
- examination fee

**WARNING:** Because failure to pay the national fee within 30 months without extension (37 C.F.R. § 1.494(b)(2)), results in abandonment of the application, it would be best to always check the above box.

- 37 C.F.R. § 1.16 (presentation of extra claim)

NOTE: Because additional fees for excess or multiple dependent claims not paid on filing or on later presentation must only be paid or these claims cancelled by amendment, prior to the expiration of the time period set for response by the PTO in any notice of fee deficiency (37 C.F.R. § 1.16(d)), it might be best not to authorize the PTO to charge additional claim fees, except possibly when dealing with amendments after final action.

- 37 C.F.R. § 1.16(s) (additional fee for specification and drawings filed in paper of 100 sheets)
- 37 C.F.R. § 1.17 (application processing fees)
- 37 C.F.R. § 1.17(a)(1)–(5) (extension fees pursuant to § 1.136(a)).
- 37 C.F.R. § 1.18 (issue fee at or before mailing of Notice of Allowance, pursuant to 37 C.F.R. § 1.311(b)).

**NOTE:** Section 1.311(b) provides that an authorization to charge the issue fee (§ 1.18) to a deposit account may be filed in an individual application only after the mailing of the notice of allowance. Accordingly, general authorizations to pay fees and specific authorizations to pay the issue fee that are filed prior to the mailing of a notice of allowance will generally not be treated as requesting payment of the issue fee and will not be given effect to act as a reply to the notice of allowance. Applicant, when paying the issue fee, should submit a new authorization to charge fees, such as by completing box 6b on the current PTOL-85B form. Where no reply to the notice of allowance is received, the application will stand abandoned notwithstanding the presence of general authorizations to pay fees or a specific authorization to pay the issue fee that were submitted prior to mailing of the notice of allowance. Where an attempt is made to pay the issue fee but an incorrect amount is submitted, § 1.311(b)(1), or where the Office's issue fee transmittal form (currently PTOL-85(B)) is completed by applicant and submitted, § 1.311(b)(2), in reply to a notice of allowance, an exception will be made. Such submissions will operate as a request to charge the issue fee to any deposit account identified in a previously filed (i.e., submitted prior to the mailing of the notice of allowance) authorization to charge fees, and will be allowed to act as payment of the correct issue fee. § 1.311(b). See also the change to § 1.26(b). Notice of September 8, 2000, Fed. Reg. 54603-54683, at 54646 and 54647.

**NOTE:** 37 C.F.R. § 1.28(b) requires "Notification of any change in status resulting in loss of entitlement to small entity status must be filed in the application . . . prior to paying or at the time of paying . . . issue fee. . ." From the wording of 37 C.F.R. § 1.28(b): (a) notification of change of status must be made even if the fee is paid as "other than a small entity" and (b) no notification is required if the change is to another small entity.

- 37 C.F.R. § 1.492(h) and (i) (surcharge fees for filing the declaration and/or filing an English translation of an International Application later than 20 months after the priority date).




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**SIGNATURE OF PRACTITIONER**


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Reg. No.: 32277

Mark D. Miller

Tel. No.: ( 559 ) 435-5500

(type or print name of practitioner)

5260 N: Palm Ave., Ste. 221  
Fresno, CA 93704

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P.O. Address

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Customer No.: 25265



25265

PATENT TRADEMARK OFFICE

(Transmittal Letter to the United States Designated Office (DO/US)—Entry into National Stage under  
35 U.S.C. § 371 [13-6]—page 12 of 12)

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: ) JC17 Rec'd PCT/PTO 01 JUN 2005  
5 )  
Daisuke AWAKURA, et al ) Art Unit: unknown  
 )  
Serial No. 11/\_\_\_\_\_ ) Examiner: unknown  
 )  
10 For: Method for Controlling )  
Micotoxin Contamination )  
Of Cereals )  
 )  
15 Filed: June 1, 2005 )  
\_\_\_\_\_  
EV469671491US

Express Mail Certificate

20 I hereby certify that the correspondence listed below is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 label number EV469671491US in an envelope addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on June 1, 2005.

25 Signed: Mark D. Miller  
Mark D. Miller

1. Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Submission Under 35 U.S.C. 371 (PTO-1390) – 2 pages;
2. Transmittal Letter to the U.S. Designated Office (DO/US) – Entry into the U.S. National Stage Under Chapter I (for PCT/JP2003/015543 filed Dec. 4, 2003) (12 pages);
3. Specification – 21 pages (English translation);
4. Claims – 1 page (English translation);
5. Abstract – 1 page (English translation);
- 35 6. Drawings – 2 sheets (English translation);
7. Amended Claims – 2 pages (English translation);
8. Description (of amended claims) based on Article 19(1) of the Treaty – 1 page;
9. PCT Publication WO 2004/049805 A1 (front page only) – 1 page;
10. Form FP2629PCT – 5 pages;
- 40 11. Form PCT/1B/301 – 1 page;
12. Form PCT/1B/304 – 1 page;
13. Form PCT/ISA/210 – 5 pages (3 Japanese / 2 English);
14. Form PCT/1B/308 – 1 page;
15. Form PTO 1449 – 229 pages;
- 45 16. Check No. 09156 in the amount of \$1,500.00; and
17. Return Post Card.

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